



IN THE U.S. PATENT AND TRADEMARK OFFICE

In the Patent Application of :

Avto TAVKHELIDZE, Jonathan Sidney EDELSON

Serial No. 09/481,803

Filed: August 31, 1998

Title: Thermionic Vacuum Diode Devices
With Positioned Electrodes

Examiner Karl IE Tamai

Group Art Unit 2834

#18/B (CNE)
Hawkins
12/5/02
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Express Mailed: December 21, 2001

Examiner Karl IE Tamai
Group Art Unit 2834
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT

In response to the Office Action mailed November 7, 2001, Applicant requests that the above-captioned patent application be amended as follows:

IN THE SPECIFICATION

Please amend the title from "Thermionic Vacuum Diode Devices with Positioned Electrodes" to —Thermionic Vacuum Diode Device with Adjustable Electrodes—.

On page 19 line 4 of the substitute document, after "When the gap distance between the electrodes is in the order of tens of angstroms, thermal conduction through a gas is considerably lessened." Insert In a preferred embodiment, the gap distance is less than 200 angstroms. In a particularly preferred embodiment, the gap distance is 100 angstroms or less.—

IN THE CLAIMS

Please delete claims 5, 11, 12, 18, 21 and 22 without prejudice. Please amend claims 1, 4, 7-10, 13-17, 23, 26, 27, 31-33, 35 and 36 so that they read as follows: